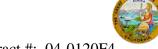
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

File #: 69.28

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-011701 Address: 333 Burma Road **Date Inspected:** 23-Jan-2010

City: Oakland, CA 94607

Project Name: SAS Superstructure **OSM Arrival Time:** 645 **OSM Departure Time:** 1845 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes Peng Guo, Li Lin. No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes N/A **Delayed / Cancelled:** No

Bridge No: 34-0006 **Component:** Tower Components

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Amit K. Juvekar, was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 11, West Tower, Lift 4, A/E Corner Seam(Inside).

FCAW Repair welding of weld joint WSTL4-2B/L-60B (WRR # T-WR2971); located on Bay 11, West Tower, Lift 4. Welders are dentified as 040759; ZPMC Quality Control Inspector (QC) is identified as Li Lin. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-345-FCAW-2G(2F)-REPAIR.

Bay 11, East Tower, Lift 4, A/E Corner, Backfill Plate.

SMAW welding of weld joint ESTL4-2L/L-111; located on Bay 11, East Tower, Lift 4. Welders are identified as 040614; ZPMC Quality Control Inspector (QC) is identified as Pen Guo. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-3213-B-U2A-1.

Bay 11, East Tower, lift 5, A/E Corner Seam (Outside).

SMAW welding of weld joint ESD1-TL5-2B/F-3A; located on Bay 11, East Tower, lift 5. Welders are dentified as 058009, 040611; ZPMC Quality Control Inspector (QC) is identified as An Qin Xiang. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-3211-TC-U5B-1.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Bay 11, North Tower.

SMAW welding of weld joint ND1-STSA4-6-135M-2-3A; located on Bay 11, North Tower. Welders are identified as 040699; ZPMC Quality Control Inspector (QC) is identified as Yu Dong Ping. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-4221-B-U3C-S-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest Phone# 15000422360., who represents the Office of Structural Materials for your project.

Inspected By:	Juvekar,Amit	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer